

CLAIMS (retyped)

1. A kit for visualising a cutting regime of a rough diamond comprising:

(a) a solid, translucent substance into which three dimensional images are marked, said markings indicating:

- (i) the outer surface of the original rough diamond,
- (ii) if present in said rough diamond; the internal defects of the rough diamond, said markings indicating the position and shape of said defects with respect of the rough diamond,
- (iii) the outer surface of one or more cut diamonds, said markings indicating the position and shape of said cut diamonds with respect of the rough diamond, and

(b) solid, physical representations of one or more diamonds indicated by the markings of item (iii), and/or

solid, physical representation of the rough diamond, corresponding to the markings of item (i), and/or

one or more actual cut diamonds indicated by the markings of item (iii).

2. A kit for visualising a cutting regime of a rough diamond comprising:

(a) a hologram depicting markings which indicate:

- (i) the outer surface of the original rough diamond,
- (ii) if present in said rough diamond, internal defects of the rough diamond, said markings indicating the position and shape of said defects with respect of the rough diamond,
- (iii) the outer surface of one or more cut diamonds, said markings indicating the position and shape of said cut diamonds with respect of the rough diamond,

(b) solid, physical representations of one or more diamonds, said diamonds corresponding to the markings of item (iii), and/or

solid, physical representation of the rough cut diamond, corresponding to the markings of item (i), and/or

one or more actual cut diamonds indicated by the markings of item (iii)

3. A device for visualising a cutting regime of a rough diamond comprising a solid, translucent substance into which three dimensional images are marked, said markings indicating:

- (i) the outer surface of the original rough diamond,
- (ii) if present in said rough diamond, internal defects of the rough diamond, said markings indicating the position and shape of said defects with respect of the rough diamond, and
- (iii) the outer surface of one or more cut diamonds, said markings indicating the position and shape of said cut diamonds with respect of the rough diamond.

4. A kit according to claim 1, or a device according to claim 3 wherein the shape of said solid, translucent substance is a cube, sphere or box.

5. A kit according to claim 1, or a device according to claim 3 wherein the shape of said solid, translucent substance is the same as that of the outer surface of the rough diamond, with or without the features of any of items (i), (ii), and/or (iii).

6. A kit according to any of claims 1, 2, 4 and 5 or a device according to any of claims 3 to 5 further comprising a computer readable storage medium on which data regarding one or more of the following is stored: certification of the diamond, history of the stone, history of the mine, history of manufacturing, history of trading.

7. A kit according to any of claims 1 and 4 to 6, or a device according to any of claims 3 to 6, wherein said solid, translucent substance is glass or crystal.

8. A kit according to any of claims 1, 2, 4 to 7, wherein solid, physical representations of item (b) are made of glass or crystal.

9. A kit according to any of claims 1 to 4, 6 to 8, or a device according to any of claims 5 to 7 wherein solid, physical representations of item (b) further comprise markings which indicate the three dimensional boundaries of defects and/or where the outer contour of the rough diamond touches that of the cut diamond.